

Title: "Compositions of Polyacids and Polyethers and Methods for..."

Docket No.: FZIO-1000US4 DBB Inventor: Herbert E. Schwartz

Appln. No.: 09/472,110 Attorney: D. Benjamin Bors.

Confirm No: 8339 Phone: (415) 362-3800

Express Mail No.: EV4528203

Attorney: D. Benjamin Borson
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Express Mail No.: EV452820347US

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A pH = 7	CPS	NO INTERACTION
B pH < 2	<pre></pre>	FULLY HYDROGEN BONDED
C oH (2.5-5)	<pre></pre>	PARTIALY HYDROGEN BONDED

FIG.-1

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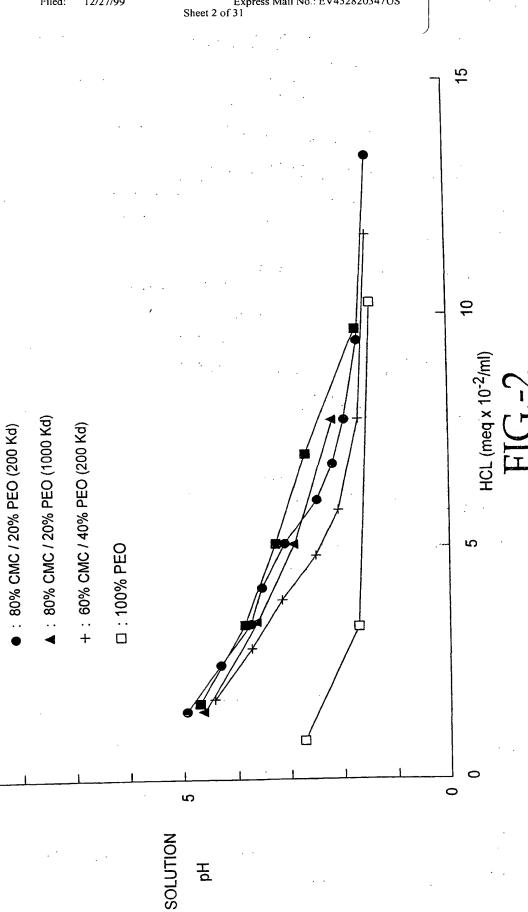
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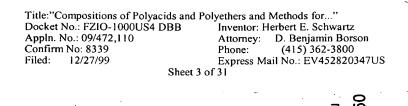
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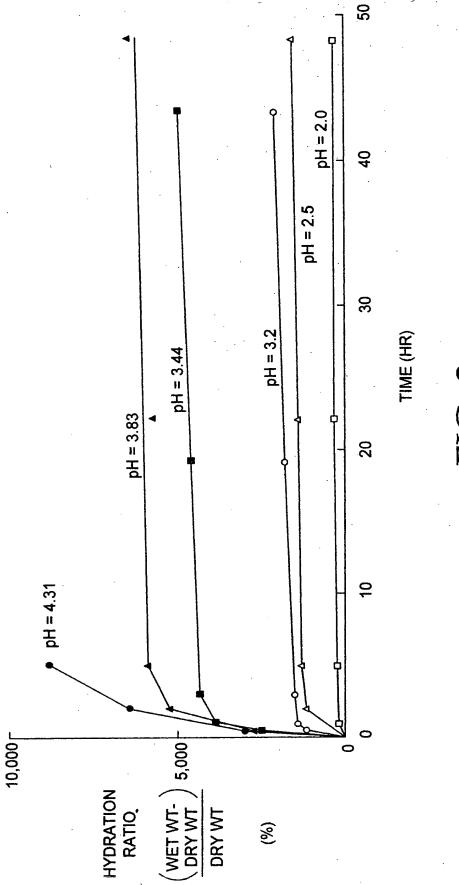
■ : 100% CMC

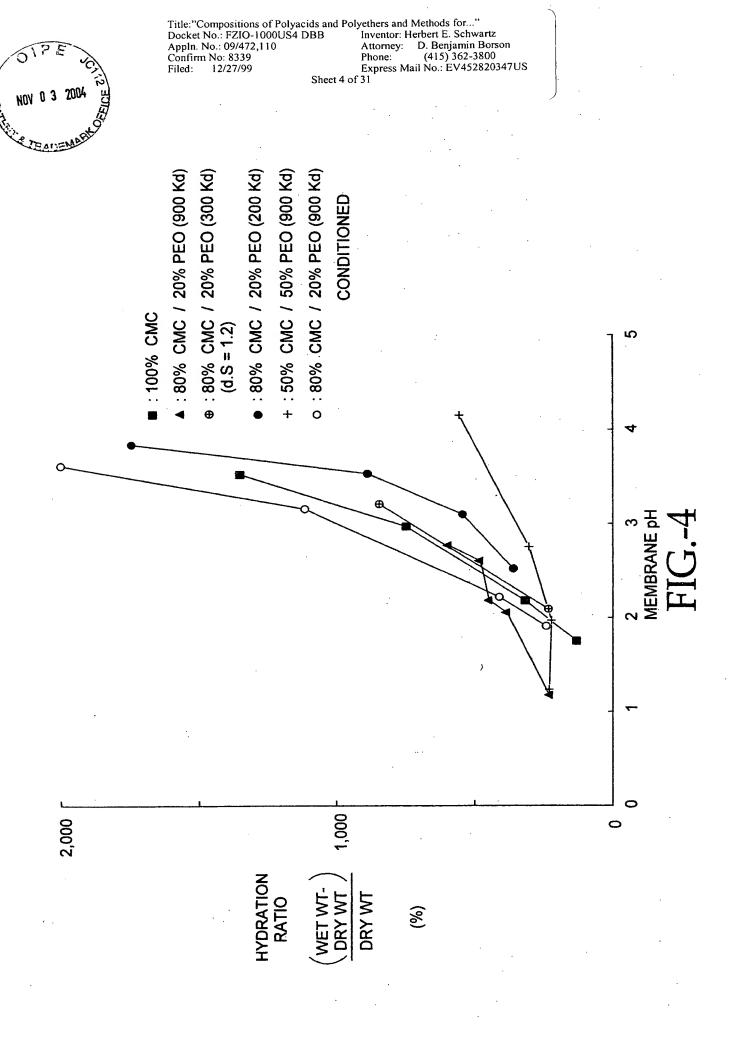
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Phone: (415) 362-3800 Express Mail No.: EV452820347US 12/27/99 Filed: Sheet 5 of 31 (d.S = 1.12) / 20% PEO (300 Kd) : 50% CMC (7 MF) / 20% PEO (900 Kd) 80% CMC / 20% PEO (200 Kd) / 50% PEO (900 Kd) 80% CMC / 20% PEO (900 Kd) 9 S CMC / 100% CMC CMC 20% 80% MEMBRANE PH 20 9 (% ORIGINAL WEIGHT REMAINING) MEMBRANE SOLUBILITY

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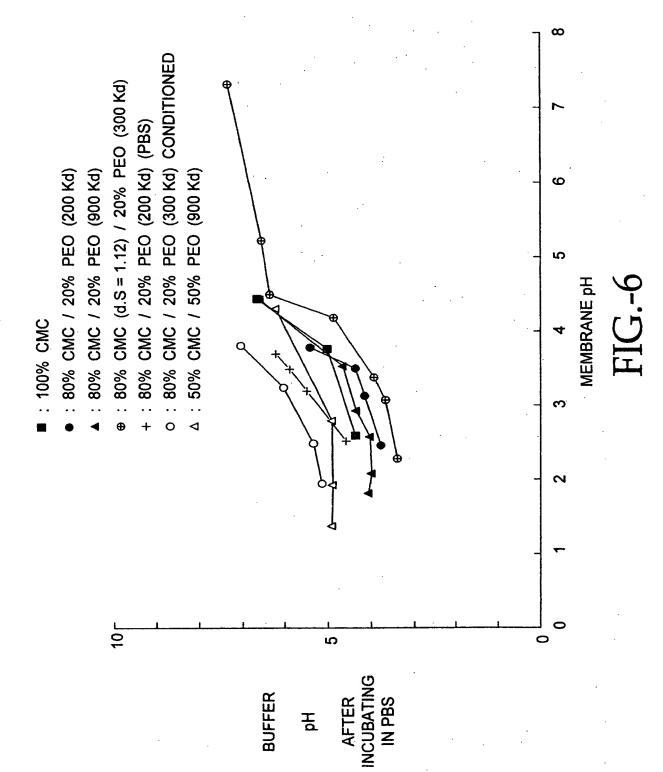
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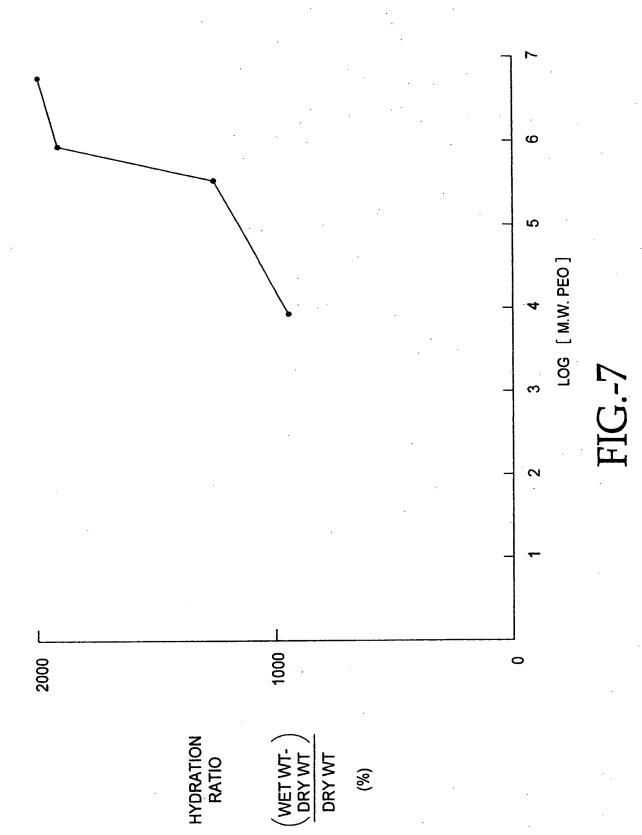
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Attorney: D. Benjamin Borson

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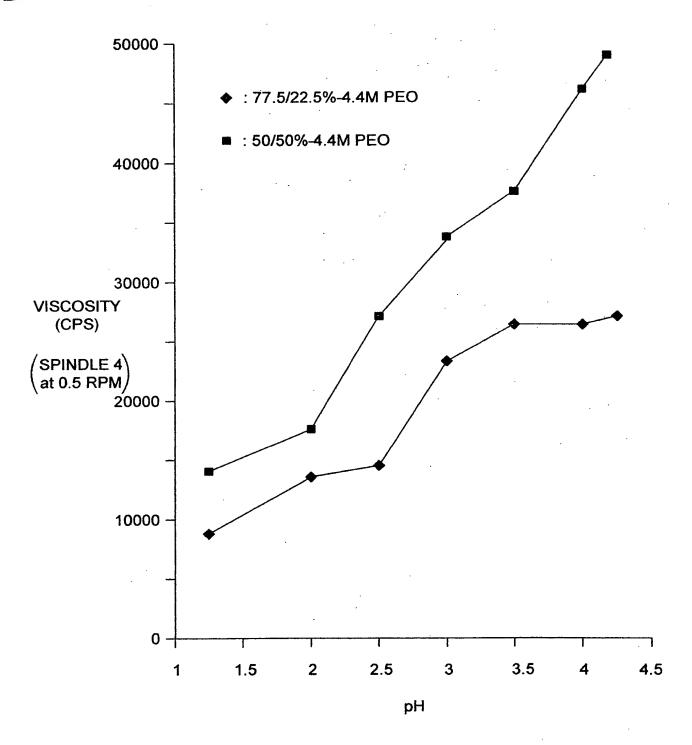


FIG.-8a

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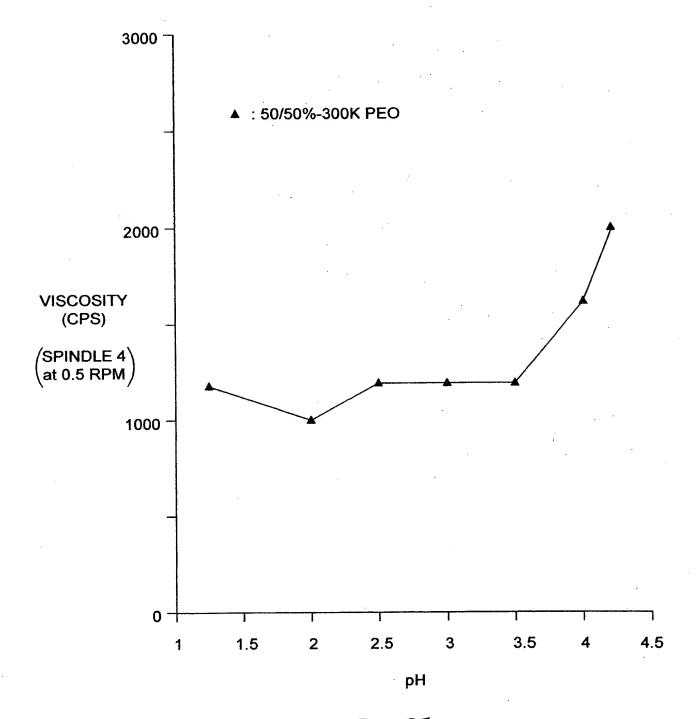
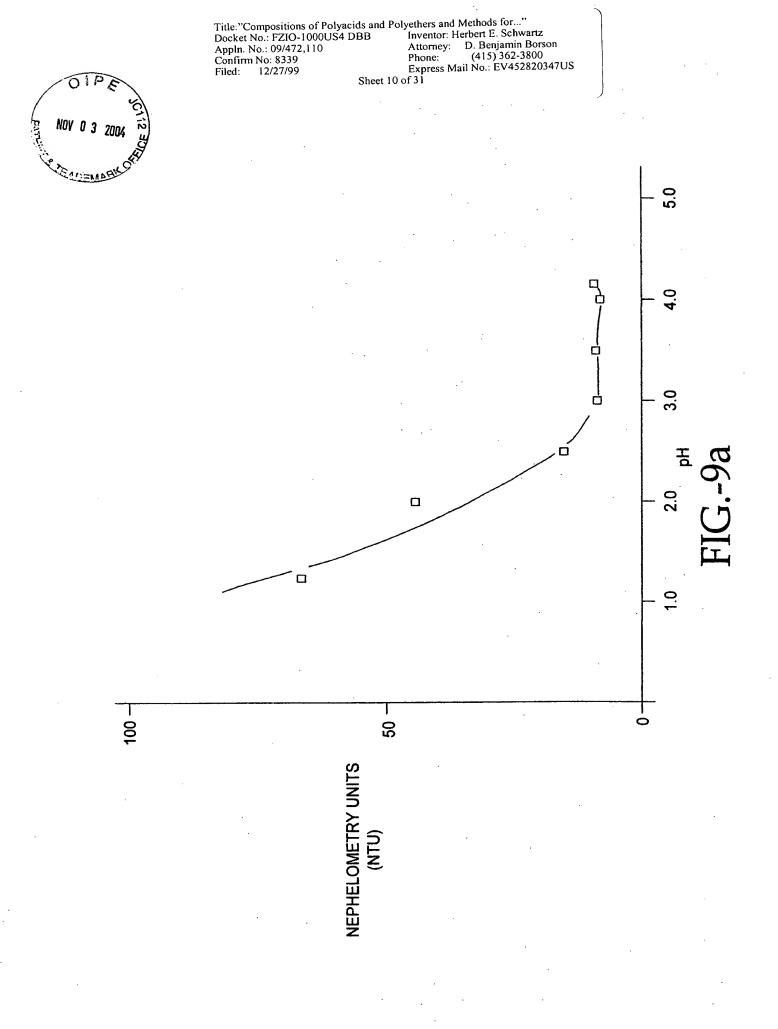


FIG.-8b



Title:"Compositions of Polyacids and Polyethers and Methods for..."

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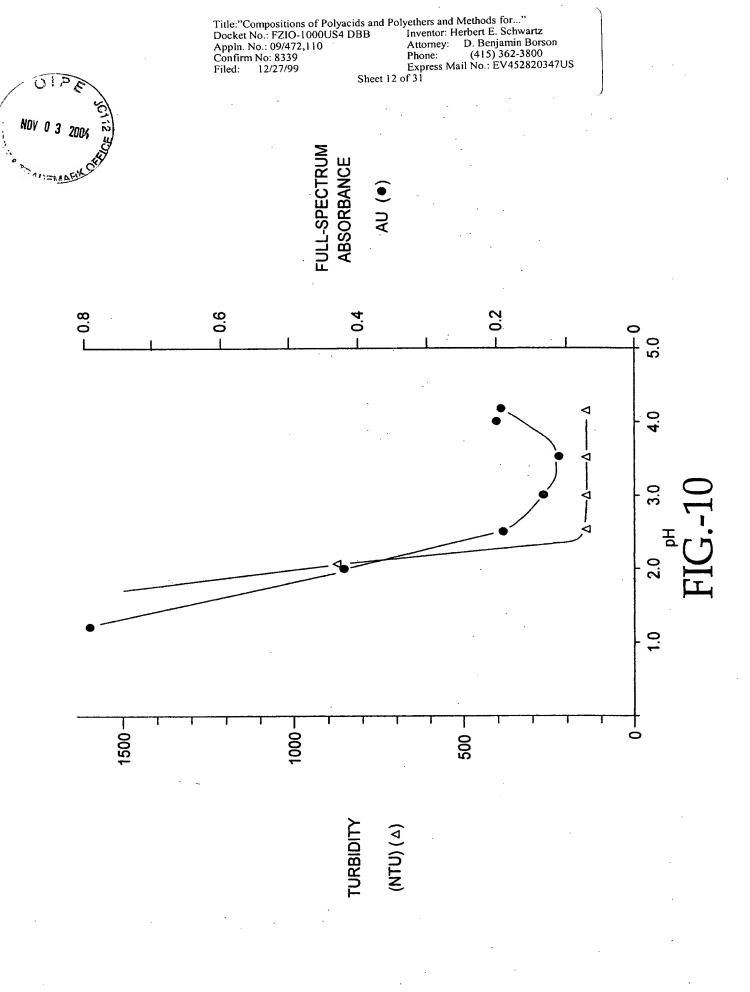
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NEPHELOMETRY UNITS (NTU)

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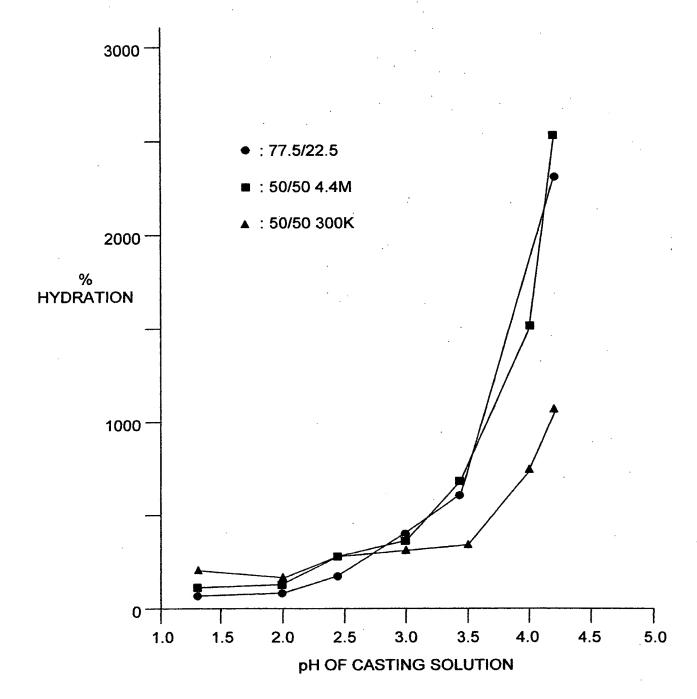


FIG.-11a

Title:"Compositions of Polyacids and Polyethers and Methods for..."

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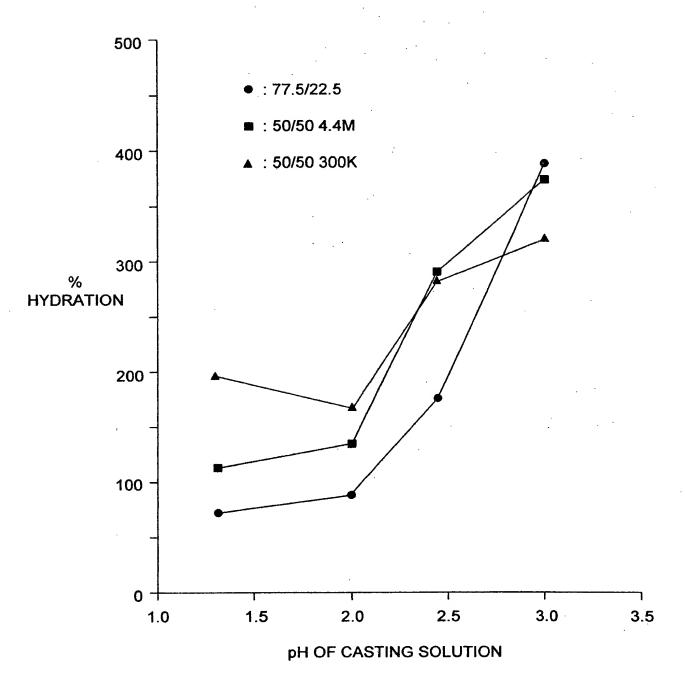


FIG.-11b

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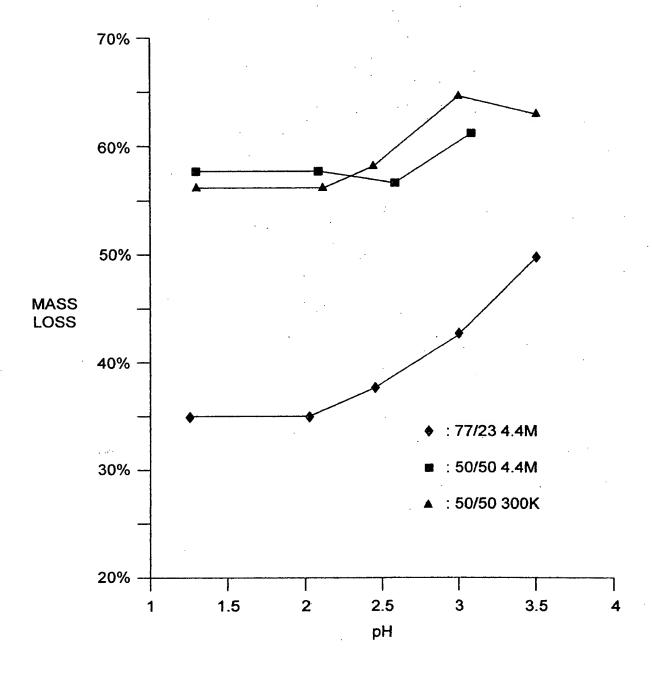


FIG.-12

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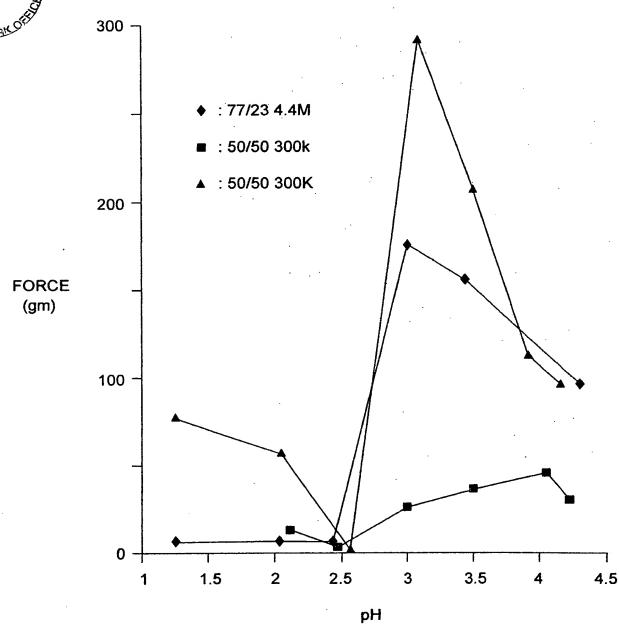


FIG.-13a



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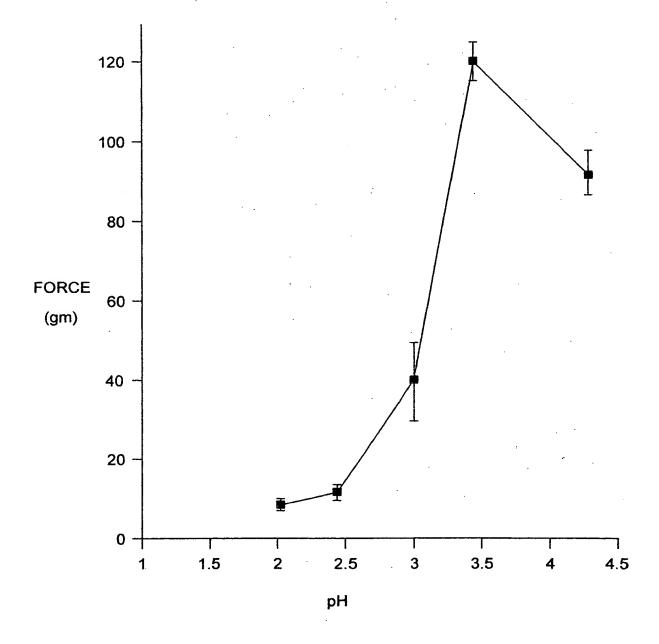


FIG.-13b

Title:"Compositions of Polyacids and Polyethers and Methods for..."

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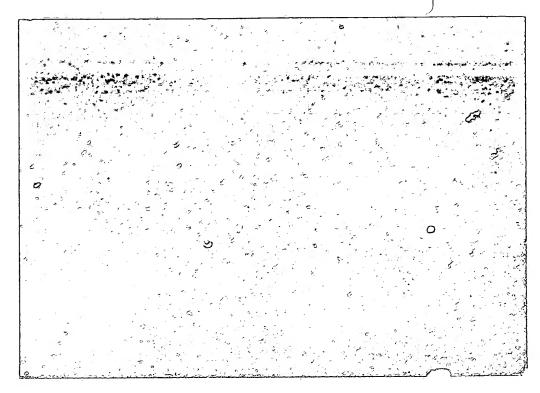


FIG. 14a

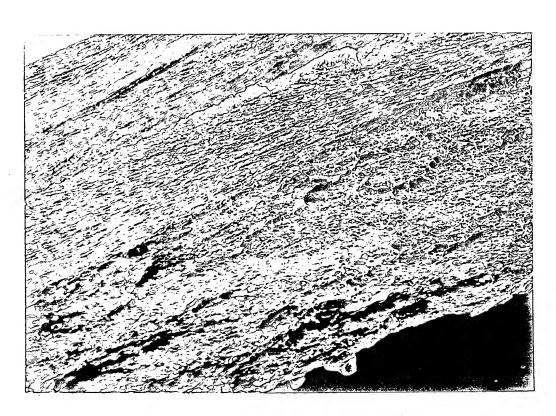


FIG. 14b



Title:"Compositions of Polyacids and Polyethers and Methods for..."

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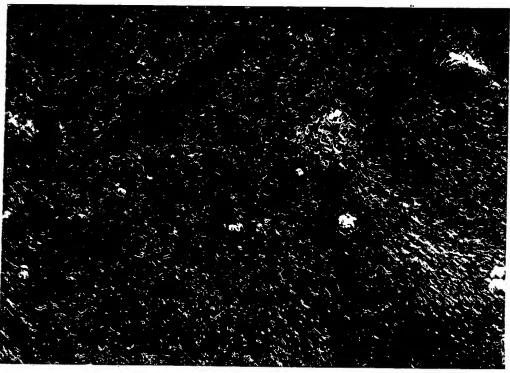


FIG. 15a

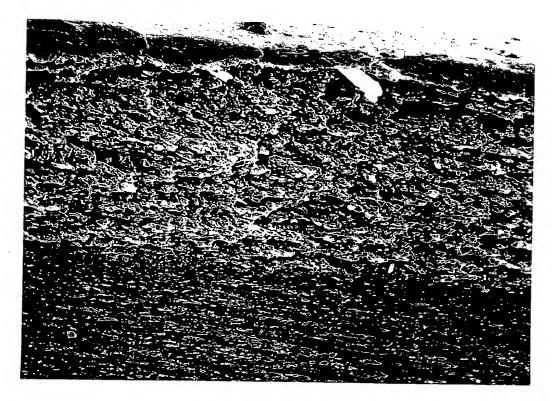


FIG. 15b

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FIG. 16a

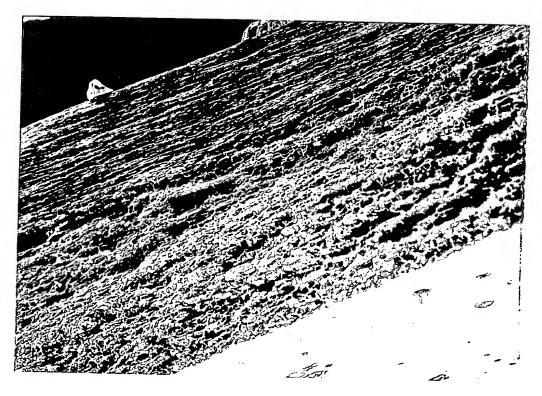


FIG. 16b



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FIG. 17a

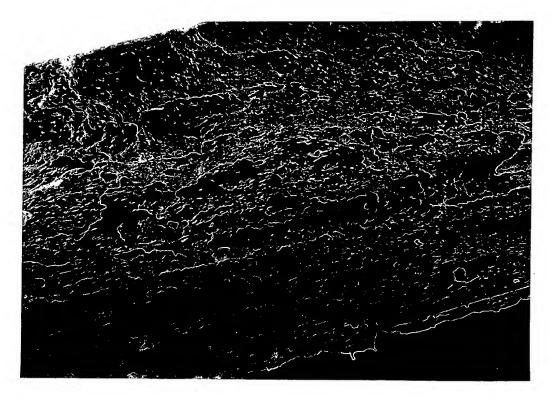


FIG. 17b

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FIG. 18a

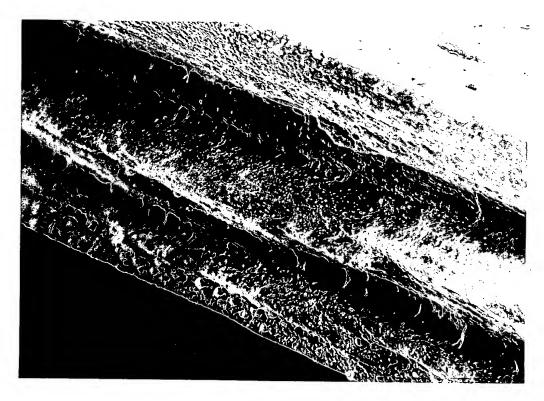


FIG. 18b



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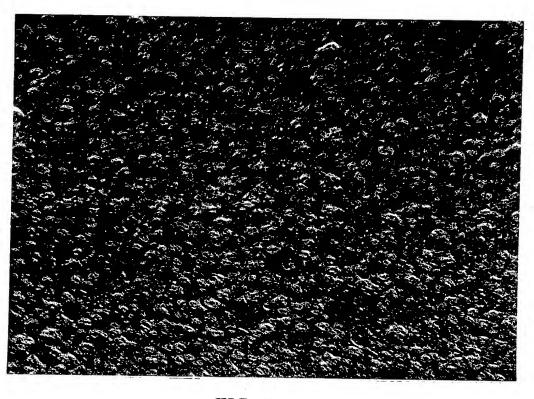


FIG. 19a

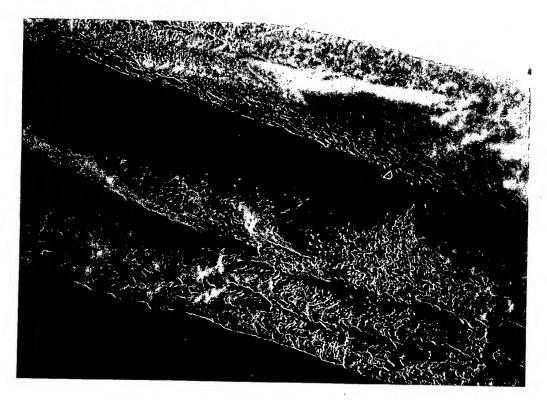


FIG. 19b



Title:"Compositions of Polyacids and Polyethers and Methods for..."

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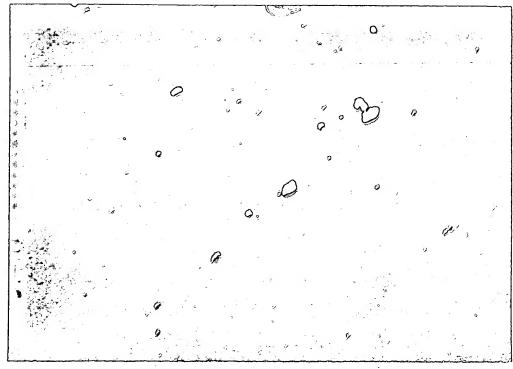


FIG. 20a

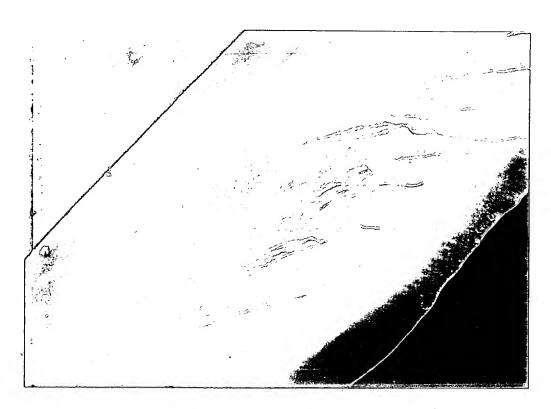


FIG. 20b

Title:"Compositions of Polyacids and Polyethers and Methods for..."

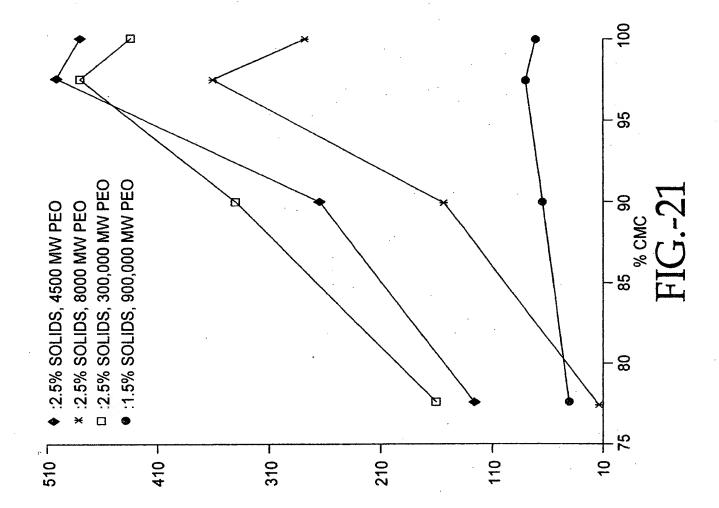
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VISCOSITY (CPS x10³) (FOR NON-AUTOCLAVED GELS)

MON 0 3 JOHN TO STORY

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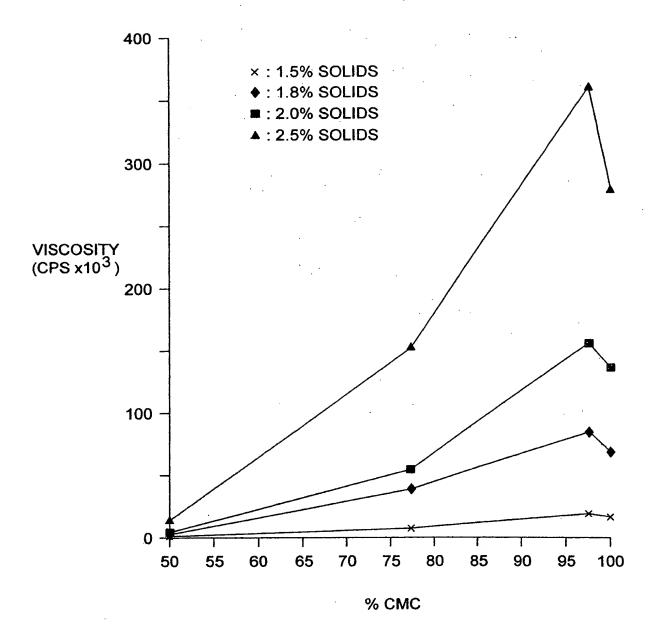


FIG.-22

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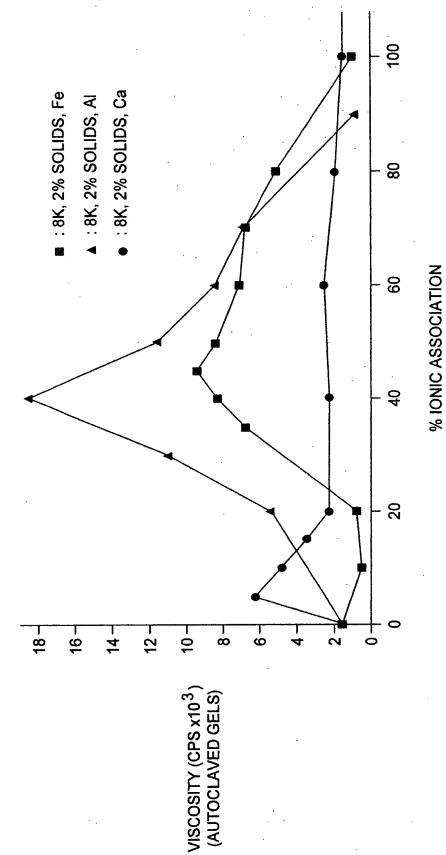
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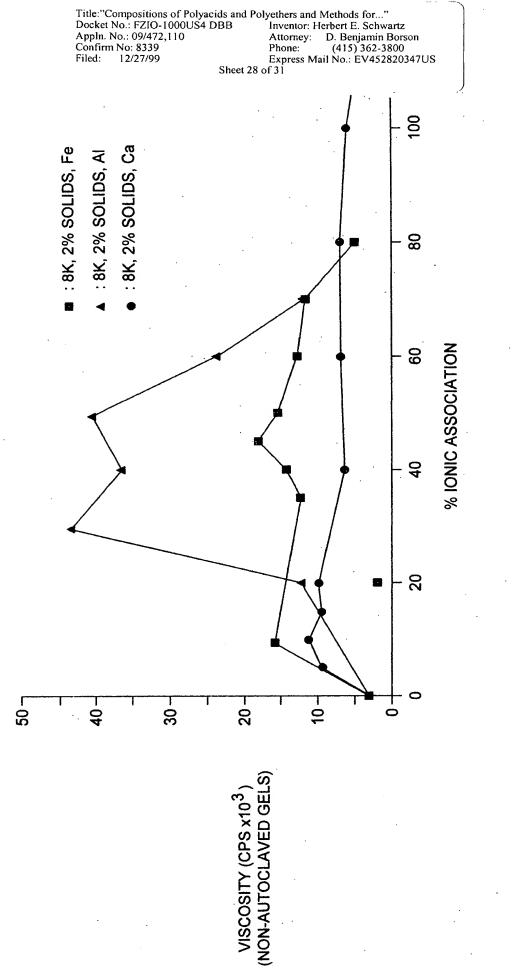
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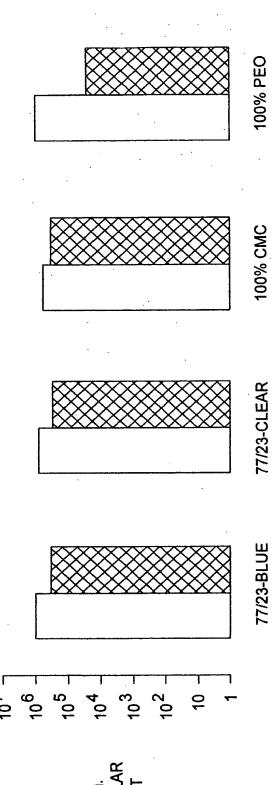
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FILMS RADIATED vs. NON-RADIATED

FILM-NRad

FILM-Rad

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STANDARDS-NRad

STANDARD-Rad

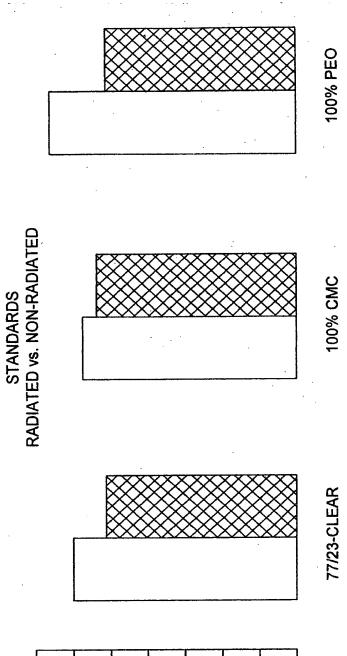
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Attorney: D. Benjamin Borson
Phone: (415) 362-3800
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Sheet 31 of 31 100% PEO CASTING SOLUTIONS NON-RADIATED/RADIATED/RADIATED/AUTOCLAVED 100% CMC 77/23-CLEAR CAST-AUTOCLAVED 77/23-BLUE CAST-NRad CAST-Rad \boxtimes Wt.-Avg. MOLECULAR WEIGHT